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RESIDENTIAL VACANCIES AND HOMEOWNERSHIP IN THE SECOND QUARTER 2010

National vacancy rates in the second quarter 2010 were 10.6 percent for rental housing and 2.5 percent for homeowner housing, the Department of Commerce's Census Bureau announced today. The rental vacancy rate of 10.6 percent was approximately the same as rates recorded in the second quarter 2009 (+/-0.5 percentage points) and last quarter (+/-0.4 percentage points). The homeowner vacancy rate of 2.5 percent was approximately the same as the second quarter 2009 rate (+/-0.2 percentage points) and 0.1 percentage points (+/-0.1%)* lower than the rate last quarter (2.6 percent).

The homeownership rate of 66.9 percent was 0.5 percentage points (+/-0.4%) lower than the second quarter 2009 rate (67.4 percent) and 0.2 percentage points (+/-0.4%)* lower than the rate last quarter (67.1 percent).

New Residential Vacancies and Homeownership data for the third quarter 2010 will be released on Tuesday, November 2, 2010 at 10:00 A.M. EDT.
Our Internet site is: <http://www.census.gov/hhes/www/housing/hvs/hvs.html>

Table 1. **Rental and Homeowner Vacancy Rates for the United States: 1996 to 2010** (in percent)

	Rental vacancy rate				Homeowner vacancy rate			
Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
2010....	10.6	↓			2.6	↓		
2009....	10.1	10.6	11.1	10.7	2.7	2.5	2.6	2.7
2008....	10.1	10.0	9.9	10.1	2.9	2.8	2.8	2.9
2007....	10.1	9.5	9.8	9.6	2.8	2.6	2.7	2.8
2006....	9.5	9.6	9.9	9.8	2.1	2.2	2.5	2.7
2005....	10.1	9.8	9.9	9.6	1.8	1.8	1.9	2.0
2004....	10.4	10.2	10.1	10.0	1.7	1.7	1.7	1.8
2003....	9.4	9.6	9.9	10.2	1.7	1.7	1.9	1.8
2002 ^a ..	9.1	8.4	9.0	9.3	1.7	1.7	1.7	1.7
2002....	9.1	8.5	9.1	9.4	1.7	1.7	1.7	1.7
2001....	8.2	8.3	8.4	8.8	1.5	1.8	1.9	1.8
2000....	7.9	8.0	8.2	7.8	1.6	1.5	1.6	1.6
1999.....	8.2	8.1	8.2	7.9	1.8	1.6	1.6	1.6
1998.....	7.7	8.0	8.2	7.8	1.7	1.7	1.7	1.8
1997.....	7.5	7.9	7.9	7.7	1.7	1.6	1.5	1.7
1996.....	7.9	7.8	8.0	7.7	1.6	1.5	1.7	1.7

^aRevised in 2002 to incorporate information collected in Census 2000.

Explanatory Notes

These statistics are estimated from sample surveys. They are subject to sampling variability as well as nonsampling error including bias and variance from response, nonreporting, and undercoverage. Whenever a statement such as "0.6 percentage points ($\pm 0.5\%$) above" appears in the text, this indicates the range (0.1 to 1.1 percentage points) in which the actual percent change is likely to have occurred. All ranges given for percent changes are 90-percent confidence intervals and account only for sampling variability. If a range does not contain zero, the change is statistically significant. If the range does contain zero, the change is not statistically significant; that is, it is uncertain whether there was an increase or decrease. The data in this report are from the Housing Vacancy Survey, which is a supplement to the Current Population Survey. The populations represented (the population universe) are all housing units (vacancy rates) and the civilian non-institutional population of the United States (homeownership rate). For an explanation of how the rates are calculated, please see pages 11-12. Explanations of confidence intervals and sampling variability can be found on our web site listed above.

*90% confidence interval includes zero. The Census Bureau does not have sufficient statistical evidence to conclude that the actual change is different from zero.

For rental housing by area, the second quarter 2010 vacancy rate inside principal cities (11.1 percent) was higher than outside Metropolitan Statistical Areas (MSA's) (9.5 percent), but not statistically different from the rate in the suburbs, 10.2 percent. The 9.5 percent and the 10.2 percent were not statistically different from each other. The rental vacancy rates in principal cities, in the suburbs, and outside MSA's were not statistically different from second quarter 2009 rates.

The homeowner vacancy rate in principal cities (3.0 percent) was higher than in the suburbs and outside MSA's (2.4 percent each). The homeowner vacancy rates in principal cities, in the suburbs, and outside MSA's were not statistically different from their corresponding rates a year ago.

Among regions, the rental vacancy rate was highest in the South (13.2 percent). Rates were lower in the Northeast (8.3 percent) and West (8.0 percent), but these rates were not statistically different from each other. The rental vacancy rate in the Northeast was higher than in the second quarter 2009, while rates in other regions remained statistically unchanged from a year ago.

For the second quarter 2010, the homeowner vacancy rate was lowest in the Northeast (1.4 percent). The homeowner vacancy rate in the Northeast was lower than in the second quarter 2009, while rates in other regions were not significantly different from a year ago.

Table 2. Rental and Homeowner Vacancy Rates by Area and Region: Second Quarter 2009 and 2010
(in percent)

Area/Region	Rental vacancy rates				Homeowner vacancy rates			
	Second Quarter 2009	Second Quarter 2010	90-Percent Confidence Interval (\pm) ^a		Second Quarter 2009	Second Quarter 2010	90-Percent Confidence Interval (\pm) ^a	
			of 2010 rate	of difference			of 2010 rate	of difference
United States.....	10.6	10.6	0.4	0.5	2.5	2.5	0.1	0.2
Inside Metropolitan Statistical Areas.....	10.7	10.7	0.5	0.5	2.5	2.6	0.2	0.2
In principal cities.....	11.2	11.1	0.6	0.6	3.2	3.0	0.3	0.4
Not in principal cities (suburbs).....	10.0	10.2	0.7	0.7	2.2	2.4	0.2	0.2
Outside Metropolitan Statistical Areas.....	10.3	9.5	1.4	1.5	2.1	2.4	0.3	0.4
Northeast.....	7.1	8.3	0.7	0.8	2.0	1.4	0.2	0.4
Midwest.....	10.4	11.3	0.8	0.9	2.4	2.5	0.3	0.3
South.....	13.8	13.2	0.9	1.0	2.7	2.9	0.2	0.3
West.....	8.9	8.0	0.8	0.9	2.4	2.7	0.3	0.4

^aA 90-percent confidence interval is a measure of an estimate's reliability. The larger the confidence interval is, in relation to the size of the estimate, the less reliable the estimate. For more information, see page 10.

NOTE: Metropolitan Statistical Area data for 2005 and later are not comparable to earlier data. Beginning in first quarter 2005, the Current Population Survey/Housing Vacancy Survey is using the new metropolitan and micropolitan statistical definitions that were announced by the Office of Management and Budget (OMB) in June 2003, and were based on the application of the 2000 standards to Census 2000 data. The OMB announced updates as of December 2003, based on application of the 2000 standards to more recent Census Bureau estimates. In this report, outside Metropolitan Statistical Areas includes micropolitan and non-metropolitan statistical areas. The December 2003 definitions are available at: <http://www.census.gov/population/www/estimates/metrodef.html> and <http://www.census.gov/population/www/estimates/aboutmetro.html>.

Approximately 85.6 percent of the housing units in the United States in the second quarter 2010 were occupied and 14.4 percent were vacant. Owner-occupied housing units made up 57.3 percent of total housing units, while renter-occupied units made up 28.3 percent of the inventory in the second quarter 2010. Vacant year-round units comprised 11.0 percent of total housing units, while 3.4 percent were for seasonal use. Approximately 3.4 percent of the total units were for rent, 1.5 percent were for sale only, and 0.7 percent were rented or sold but not yet occupied. Vacant units that were held off market comprised 5.4 percent of the total housing stock. Of these units, 1.6 percent were for occasional use only, 0.9 percent were temporarily occupied by usual residence elsewhere (URE), and 2.9 percent were vacant for a variety of other reasons.

**Table 3. Estimates of the Total Housing Inventory for the United States:
Second Quarter 2009 and 2010**

(Estimates are in thousands and may not add to total, due to rounding)

Type	Second Quarter 2009/r	Second Quarter 2010	90-Percent Confidence Interval (\pm) ^a		Percent of total (2010)
			of 2010 estimate	Of difference	
All housing units.....	130,017	131,158	(X)	(X)	100
Occupied.....	111,432	112,215	285	258	85.6
Owner.....	75,139	75,097	629	430	57.3
Renter.....	36,293	37,118	550	424	28.3
Vacant.....	18,585	18,943	379	336	14.4
Year-round.....	14,005	14,491	375	322	11.0
For rent.....	4,376	4,444	187	208	3.4
For sale only.....	1,904	1,968	106	133	1.5
Rented or Sold.....	1,073	959	68	98	0.7
Held off Market.....	6,652	7,120	272	233	5.4
For Occ'l Use.....	1,988	2,145	152	130	1.6
Temp occ by URE...	1,162	1,233	116	99	0.9
Other.....	3,501	3,743	200	171	2.9
Seasonal.....	4,581	4,452	242	213	3.4

^aA 90-percent confidence interval is a measure of an estimate's reliability. The larger the confidence interval is, in relation to the size of the estimate, the less reliable the estimate. For more information, see page 10.

(X) Not Applicable. Since the number of housing units is set equal to an independent national measure, there is no sampling error, and hence no confidence interval.

r/Revised using Vintage 2008 housing unit controls. See note below.

NOTE: Since first quarter 2003, the Current Population Survey/Housing Vacancy Survey (CPS/HVS) estimates have been controlled to an independent set of housing unit estimates produced annually by the Population Division from Census 2000 and updated using building permit data, estimates of housing loss, and other administrative record data. Doing so makes the CPS/HVS estimates of housing units more comparable to other Census Bureau housing surveys controlled to these census-based estimates. The housing unit controls affect the estimate of vacant units in the sense that the estimates of total occupied and vacant units sum to the control total. Vacancy rates and homeownership rates are not affected by this change.

Beginning in the third quarter 2009, the housing inventory estimates are based on vintage 2008 housing unit controls that are projected forward through 2010. The second quarter 2009 housing inventory estimates, shown above, have been revised, to reflect vintage 2008 housing unit controls. The CPS/HVS historical table series from second quarter 2000 through the second quarter 2009 has also been revised based on vintage 2008 housing unit controls. These revised estimates and additional information on terms and definitions can be found at: <http://www.census.gov/hhes/www/housing/hvs/historic/index.html>

For the methodology used in developing the housing unit estimates used for controls in the CPS/HVS, please see Population Division's website: <http://www.census.gov/popest/topics/methodology/2008-hu-meth.pdf>

The homeownership rate of 66.9 percent was 0.5 percentage points (+/-0.4%) lower than the second quarter 2009 rate (67.4 percent) and 0.2 percentage points (+/-0.4%)* lower than the rate last quarter (67.1 percent).

Table 4. **Homeownership Rates for the United States: 1985 to 2010** (in percent)

Year	Homeownership Rates ^a			
	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
2010.....	67.1	↓ 66.9		
2009.....	67.3	67.4	67.6	67.2
2008.....	67.8	68.1	67.9	67.5
2007.....	68.4	68.2	68.2	67.8
2006.....	68.5	68.7	69.0	68.9
2005.....	69.1	68.6	68.8	69.0
2004.....	68.6	69.2	69.0	69.2
2003.....	68.0	68.0	68.4	68.6
2002 ^b	67.8	67.6	68.0	68.3
2002.....	67.8	67.6	68.0	68.3
2001.....	67.5	67.7	68.1	68.0
2000.....	67.1	67.2	67.7	67.5
1999.....	66.7	66.6	67.0	66.9
1998.....	65.9	66.0	66.8	66.4
1997.....	65.4	65.7	66.0	65.7
1996.....	65.1	65.4	65.6	65.4
1995.....	64.2	64.7	65.0	65.1
1994.....	63.8	63.8	64.1	64.2
1993 ^b	63.7	63.9	64.2	64.2
1993.....	64.2	64.4	64.7	64.6
1992.....	64.0	63.9	64.3	64.4
1991.....	63.9	63.9	64.2	64.2
1990.....	64.0	63.7	64.0	64.1
1989 ^c	63.9	63.8	64.1	63.8
1989.....	63.9	63.9	64.0	63.8
1988.....	63.7	63.7	64.0	63.8
1987.....	63.8	63.8	64.2	64.1
1986.....	63.6	63.8	63.8	63.9
1985.....	64.1	64.1	63.9	63.5

^aStandard errors for quarterly homeownership rates for the United States generally are 0.3 percent.

^bRevised in 2002 to incorporate information collected in Census 2000, and in 1993 to reflect the results of the 1990 decennial census.

^cRevised to reflect edit changes implemented in 1990.

*90% confidence interval includes zero. The Census Bureau does not have sufficient statistical evidence to conclude that the actual change is different from zero.

Table 4SA shows the seasonally adjusted homeownership rates for the United States, from 1985 to the present. (Research has shown that seasonality for homeownership rates is present.) When adjusted for seasonal variation, the current homeownership rate (66.9 percent) was lower than the rate in the second quarter 2009 (67.4 percent), but not statistically different from the rate last quarter (67.2 percent).

Table 4SA. Homeownership Rates for the United States: 1985 to 2010
Seasonally Adjusted (in percent)

Year	Homeownership Rates ^a (Seasonally Adjusted)			
	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
		↓		
2010.....	67.2	66.9		
2009.....	67.4	67.4	67.4	67.3
2008.....	67.9	68.1	67.7	67.6
2007.....	68.5	68.3	68.0	67.8
2006.....	68.6	68.8	68.9	68.8
2005.....	69.2	68.8	68.7	68.9
2004.....	68.7	69.4	68.9	69.0
2003.....	68.1	68.2	68.3	68.5
2002 ^b	67.9	67.8	67.9	68.2
2001.....	67.6	67.9	67.9	67.9
2000.....	67.1	67.3	67.5	67.5
1999.....	66.7	66.7	66.8	66.9
1998.....	66.0	66.1	66.6	66.5
1997.....	65.5	65.7	65.8	65.8
1996.....	65.3	65.4	65.4	65.4
1995.....	64.4	64.7	64.8	65.1
1994.....	64.0	63.9	63.9	64.1
1993 ^b	63.9	64.0	64.0	64.1
1992.....	64.1	64.1	64.1	64.3
1991.....	64.0	64.1	64.1	64.1
1990.....	64.1	63.9	63.9	64.0
1989 ^c	64.0	63.9	63.9	63.7
1988.....	63.8	63.8	63.8	63.8
1987.....	63.9	63.9	64.1	64.1
1986.....	63.7	63.8	63.7	63.9
1985.....	64.1	64.1	63.8	63.6

^aStandard errors for quarterly homeownership rates for the United States generally are 0.3 percent.

^bRevised in 2002 to incorporate information collected in Census 2000, and in 1993 to reflect the results of the 1990 decennial census.

^cRevised to reflect edit changes implemented in 1990.

For the second quarter 2010, the homeownership rates were highest in the Midwest (70.8 percent) and lowest in the West (61.4 percent). The homeownership rates in the South and West were lower than a year ago, while rates in the Northeast and Midwest were not statistically different from their corresponding second quarter 2009 rates.

Table 5. Homeownership Rates for the United States and Regions: 2005 to 2010 (in percent)

	Homeownership Rates ^a				
Year/Quarter	United States	Northeast	Midwest	South	West
2010					
Second Quarter.....	66.9	64.2	70.8	69.1	61.4
First Quarter.....	67.1	64.4	70.9	69.2	61.9
2009					
Fourth Quarter.....	67.2	63.9	71.3	69.1	62.3
Third Quarter.....	67.6	64.0	71.6	69.7	62.7
Second Quarter.....	67.4	64.3	70.5	70.0	62.5
First Quarter.....	67.3	63.7	70.7	69.6	62.8
2008					
Fourth Quarter.....	67.5	64.0	71.4	69.8	62.7
Third Quarter.....	67.9	64.4	71.9	69.9	63.5
Second Quarter.....	68.1	65.3	71.7	70.2	63.0
First Quarter.....	67.8	64.7	72.0	69.7	62.8
2007					
Fourth Quarter.....	67.8	64.6	71.7	70.0	62.7
Third Quarter.....	68.2	65.2	71.9	70.1	63.5
Second Quarter.....	68.2	65.4	71.8	69.9	64.1
First Quarter.....	68.4	64.8	72.2	70.6	63.6
2006					
Fourth Quarter.....	68.9	65.3	73.0	70.8	64.5
Third Quarter.....	69.0	65.5	72.8	70.6	65.3
Second Quarter.....	68.7	65.4	72.5	70.4	64.7
First Quarter.....	68.5	64.7	72.5	70.4	64.4
2005					
Fourth Quarter.....	69.0	65.4	72.8	71.1	64.6
Third Quarter.....	68.8	65.1	73.3	70.6	64.2
Second Quarter.....	68.6	64.7	73.4	70.4	63.8
First Quarter.....	69.1	65.4	73.1	71.1	64.9

^aStandard errors for quarterly homeownership rates by region generally are 0.6 percent.

For the second quarter 2010, the homeownership rates were highest for those householders ages 65 years and over (80.4 percent) and lowest for the under 35 years of age group (39.0 percent). The rates for householders 35 to 44, 45 to 54, and 55 to 64 years old were lower than their respective rates a year ago, while those householders less than 35 years old and those 65 years and over showed no significant change from their corresponding rates in the second quarter 2009.

Table 6. Homeownership Rates by Age of Householder: 2005 to 2010 (in percent)

Year/Quarter	Homeownership Rates ^a					
	United States	Under 35 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
2010						
Second Quarter...	66.9	39.0	65.6	73.6	78.7	80.4
First Quarter.....	67.1	38.9	65.3	74.8	79.1	80.6
2009						
Fourth Quarter.....	67.2	40.4	65.7	74.0	78.9	80.2
Third Quarter.....	67.6	39.8	66.5	74.5	79.4	80.9
Second Quarter....	67.4	39.0	66.8	74.5	79.9	80.4
First Quarter.....	67.3	39.8	65.7	74.6	79.8	80.4
2008						
Fourth Quarter.....	67.5	40.3	66.6	74.5	79.7	80.4
Third Quarter.....	67.9	41.0	67.2	75.2	80.0	80.1
Second Quarter....	68.1	41.2	67.6	75.4	80.1	80.2
First Quarter.....	67.8	41.3	66.7	75.0	80.4	79.9
2007						
Fourth Quarter.....	67.8	41.0	67.2	75.1	80.4	80.3
Third Quarter.....	68.2	42.0	68.1	75.2	81.1	79.9
Second Quarter....	68.2	41.9	67.6	75.5	80.6	80.5
First Quarter.....	68.4	41.7	68.3	75.8	80.4	80.9
2006						
Fourth Quarter.....	68.9	42.8	68.9	76.4	80.7	81.2
Third Quarter.....	69.0	43.0	68.8	76.4	80.7	81.5
Second Quarter....	68.7	42.4	68.9	76.3	81.0	80.6
First Quarter.....	68.5	42.3	68.9	75.8	81.2	80.3
2005						
Fourth Quarter.....	69.0	43.1	69.7	76.7	80.6	80.6
Third Quarter.....	68.8	43.0	68.6	76.7	80.9	80.6
Second Quarter....	68.6	42.8	68.7	76.3	81.3	80.3
First Quarter.....	69.1	43.3	70.1	76.5	81.8	80.8

^aStandard errors for quarterly homeownership rates by age of householder generally are 0.5 percent.

For the racial categories shown below, the homeownership rate for the second quarter 2010 for non-Hispanic White householders reporting a single race was highest at 74.4 percent. The rate for All Other Races householders was second at 55.7 percent and single-race Black householders was lowest, at 46.2 percent. The homeownership rates for non-Hispanic White householders and for All Other Races were lower than in the second quarter 2009, while the rate for single-race Black householders was not statistically different from one year ago. The rate for Hispanic householders (who can be of any race), 47.8 percent, was not statistically different from the rate one year ago.

Table 7. Homeownership Rates by Race and Ethnicity of Householder: 2007 to 2010 (in percent)

Year/Quarter	Homeownership Rates ^a				
	U.S.	Non-Hispanic White alone	Black Alone ^b	All Other Races ^c	Hispanic (of any race)
2010					
Second Quarter....	66.9	74.4	46.2	55.7	47.8
First Quarter.....	67.1	74.5	45.6	57.2	48.5
2009					
Fourth Quarter.....	67.2	74.5	46.0	58.4	48.4
Third Quarter.....	67.6	75.0	46.4	57.8	48.7
Second Quarter....	67.4	74.9	46.5	57.6	48.1
First Quarter.....	67.3	74.7	46.1	57.4	48.6
2008					
Fourth Quarter.....	67.5	74.8	46.8	58.3	48.6
Third Quarter.....	67.9	75.1	47.8	59.0	49.5
Second Quarter....	68.1	75.2	47.8	58.4	49.6
First Quarter.....	67.8	75.0	47.1	58.1	48.9
2007					
Fourth Quarter.....	67.8	74.9	47.7	58.6	48.5
Third Quarter.....	68.2	75.3	46.7	60.1	50.1
Second Quarter....	68.2	75.4	46.3	59.4	50.0
First Quarter.....	68.4	75.3	48.0	58.6	50.1

^aStandard errors for quarterly homeownership rates by race and ethnicity of householder generally are 0.3 percent for non-Hispanic White (single race) householders, 0.6 percent for Black (single race) householders, 0.7 percent for All Other Races householders, and 0.6 percent for Hispanic householders.

^bThe homeownership rate for second quarter 2010 for householders who reported Black whether or not they reported any other race was 46.0 percent.

^cIncludes people who reported Asian, Native Hawaiian or Other Pacific Islander, or American Indian or Alaska Native regardless of whether they reported any other race, as well as all other combinations of two or more races.

NOTE: Beginning in 2003, the question on race on the CPS was modified to comply with the revised standards for federal statistical agencies. Respondents may now report more than one race, but small sample sizes preclude showing all race categories. The question on Hispanic origin is asked separately, and is asked before the question on race. For further information on each major race group and the Two or More Races populations, see reports from the Census 2000 Brief series (C2KBR/01), available on the Census 2000 Web site at <http://www.census.gov/population/www/cen2000/briefs.html>.

In the second quarter 2010 the homeownership rate for households with family incomes greater than or equal to the median family income was 81.9 percent. The rate for those households with family incomes less than the median family income was 51.9 percent.

Table 8. Homeownership Rates by Family Income: 2006 to 2010 (in percent)

Homeownership Rates ^a			
Year/Quarter	United States	Households with family income greater than or equal to the median family income ^b	Households with family income less than the median family income
2010*			
Second Quarter.....	66.9	81.9*	51.9*
First Quarter.....	67.1	82.0*	52.2*
2009			
Fourth Quarter.....	67.2	81.8	50.2
Third Quarter.....	67.6	81.9	51.7
Second Quarter.....	67.4	82.2	51.5
First Quarter.....	67.3	82.4	51.0
2008			
Fourth Quarter.....	67.5	82.9	51.2
Third Quarter.....	67.9	83.0	52.0
Second Quarter.....	68.1	83.5	51.8
First Quarter.....	67.8	82.8	51.2
2007			
Fourth Quarter.....	67.8	83.0	50.9
Third Quarter.....	68.2	83.7	51.9
Second Quarter.....	68.2	83.4	52.0
First Quarter.....	68.4	83.3	52.1
2006			
Fourth Quarter.....	68.9	84.5	52.9
Third Quarter.....	69.0	84.4	53.0
Second Quarter.....	68.7	84.1	52.6
First Quarter.....	68.5	83.7	52.4

^aStandard errors for quarterly homeownership rates by family income generally are 0.3 percent.

^bBased on family or primary individual income.

* Beginning in 2010, we began imputing missing values for the family income question, which is used in the homeownership table above. Previously, householders not responding to this question were excluded from the homeownership calculations for those below/above the median Family income level. When compared to previous procedures, this change resulted in an increase in the homeownership rate of 1.9 percentage points for those at or below the median family income and an increase of 0.5 percentage points for those above the median family income level for the second quarter 2010. Under previous procedures (not imputing missing values) for the second quarter 2010, the homeownership rate was 50.0 percent for those at or below the median family income and 81.4 percent for those above the median family income level. Data users should keep this in mind when comparing data from 2010 and later to earlier data.

Note: This press release, along with more detailed data, is available on the Internet. Our Internet address is: <http://www.census.gov/hhes/www/housing/hvs/hvs.html>

The estimates in this release are based on a sample survey and therefore are subject to both sampling and non-sampling error. Sampling error is a result of not surveying the entire population. Non-sampling error occurs because accurate information cannot always be obtained.

The sample estimate and its standard error enable one to construct a confidence interval. A confidence interval is a measure of an estimate's reliability. The larger a confidence interval is in relation to the size of the estimate, the less reliable the estimate. For example, the standard error on the estimated rental vacancy rate of 10.6 percent is 0.260 percentage points. Then the 90-percent confidence interval is calculated as $10.6 \pm (1.645 \times 0.260)$ percent, or 10.6 ± 0.4 percent, or from 10.2 percent to 11.0 percent. If all possible samples were surveyed under essentially the same general conditions and the same sample design, and an estimate calculated from each sample, then 90 percent of the estimates would fall within the 90 percent confidence interval, in this case, from 10.2 percent to 11.0 percent.

Since the first quarter 2003, the Current Population Survey/Housing Vacancy Survey (CPS/HVS) housing inventory estimates have been controlled to independent housing unit estimates based upon Census 2000 and updated with building permit data, estimates of housing loss, and other administrative records data. In January of each year, the CPS/HVS formerly used updated housing unit controls (based on the independent estimates issued by the Population Division in August of the preceding year) that were projected forward through the current year. For example, the first and second quarter 2009 housing inventory estimates were based on the Vintage 2007 independent estimates time series and projected forward. In August 2009, Population Division released the latest series of independent housing unit estimates, the [vintage 2008](#) time series. Now that this more up-to-date data are available and in order for the CPS/HVS to provide the most up-to-date information possible, effective in the third quarter 2009, the housing inventory estimates are based on vintage 2008 housing unit controls. Previous CPS/HVS estimates from second quarter 2000 through second quarter 2009 have been revised and are shown in the CPS/HVS historical table series. Housing inventory estimates, prior to the second quarter 2000, have not been revised. The CPS/HVS housing inventory data series are based on the independently produced vintage 2008 housing unit estimates that are projected forward through the second quarter 2010.

In the third quarter 2010, historical housing inventory estimates will be revised, based on vintage 2009 independent housing estimates issued by Population Division. This includes the housing inventory time-series data from 2000 through the second quarter 2010. The same general procedure will be followed each year in revising housing inventory estimates with the most up-to-date independent housing estimates available.

For an explanation of the methodology used in producing the housing inventory independent estimates, please see: <http://www.census.gov/popest/topics/methodology/2008-hu-meth.pdf>

The housing estimates produced by the Population Division using Census 2000 as a base and updated with building permit data, estimates of housing loss, and other administrative record data to produce the Vintage 2008 estimates are at: <http://www.census.gov/popest/housing/index.html>.

[Note: This time series is by the latest "vintage" year. For example, vintage 2008 means that all of the estimates in this time series are identified as belonging to "vintage 2008." The 2000 data are from the 2008 vintage, the 2001 data are from the 2008 vintage, and so on.](#)

The CPS/HVS also began computing first-stage factors (used for weighting purposes) based on year-round and seasonal counts of housing units from Census 2000 for the first quarter 2003. From 1980 to 2002, the CPS/HVS first-stage factors were based on year-round estimates only. The effect on the data is slight and the change should improve the counts of year-round and seasonal units. For more information on the effects of these changes, please see Source and Accuracy Statement at <http://www.census.gov/hhes/www/hvs.html>.

The question on race on the CPS was modified beginning in the first quarter 2003 to comply with new standards for federal statistical agencies. Respondents are now asked to report one or more races. The question on Hispanic origin is asked separately, and is asked before the question on race.

First stage factors for year-round vacant units have been corrected as of the second quarter 2004. Research has shown that this correction had no significant effect on the vacancy rates or homeownership rates.

The rental vacancy rate is the proportion of the rental inventory that is vacant for rent. In tables 1 and 2, the rates are computed using the following formula.

$$\text{Rental Vacancy Rate (\%)} = \left[\frac{\text{Vacant year-round units for rent}}{\left(\begin{array}{c} \text{Renter} \\ \text{occupied} \\ \text{units} \end{array} \right) + \left(\begin{array}{c} \text{Vacant year-round} \\ \text{units rented but} \\ \text{awaiting occupancy} \end{array} \right) + \left(\begin{array}{c} \text{Vacant year-round} \\ \text{units for rent} \end{array} \right)} \right] * 100$$

The homeowner vacancy rate is the proportion of the homeowner inventory that is vacant for sale. In tables 1 and 2 the rates are computed using the following formula.

$$\text{Homeowner Vacancy Rate (\%)} = \left[\frac{\text{Vacant year-round units for sale only}}{\left(\begin{array}{c} \text{Owner} \\ \text{occupied} \\ \text{units} \end{array} \right) + \left(\begin{array}{c} \text{Vacant year-round} \\ \text{units sold but} \\ \text{awaiting occupancy} \end{array} \right) + \left(\begin{array}{c} \text{Vacant year-round} \\ \text{units for sale only} \end{array} \right)} \right] * 100$$

The homeownership rate is the proportion of households that is owner-occupied. It is computed by dividing the number of households that are occupied by owners by the total number of occupied households (tables 4, 4SA, and 5).

$$\text{Homeownership Rate (\%)} = \left[\frac{\text{Owner occupied housing units}}{\text{Total occupied housing units}} \right] * 100$$

For the homeownership rate for a specific characteristic (tables 6-8), use the owner and total number of units for that characteristic. For example, for the West region,

$$\text{Homeownership Rate (West) (\%)} = \left[\frac{\text{Owner occupied housing units (West)}}{\text{Total occupied housing units (West)}} \right] * 100$$